(1948) Department

SERIES

G.O. No. ...

Dated 6th February 1948

[Despatch Abstract.]

AGRICULTURE - Fruit and Fruit products development - Scheme for the establishment of model orchard cum - nurseries - Forwarded to Government of India.

SCHEME FOR THE ESTABLISHMENT OF MODEL ORCHARD AND NURSERY

OBJECT: Fruit growing forms an important plan of economic progress of every country. The main benefits conferred by a planned development of fruit industry are:

(i) supply of better quality and larger quantities of fruits to the public,

(ii) Raising the standard of nutrition

iii) Providing of occupation to the grower all the year round, apart from higher net income.

The extension and improvement of fruit industry are now therefore engaging attention in most countries of the world. The Province of Madras not only enjoys very many advantages for large scale expansion of fruit production but also offers considerable scope in production of most fruits the supply of which at present is far below the demands of the public.

Although grown in the Province from the immemorial the fruits account at present for only 1% of the total cropped area. Most of the existing orchards are either haphazard collection of fruit trees of pseudo commercial type as distinct from the highly organised orchards of other parts of the the world. The object of the scheme is to establish certain model orchards and nurseries to serve as visual demonstration of scientific orchard practices. Incidental as the model orchard cum nursery will prove to be the essential nucleus for the multiplication and sale of fruit plants of a high pedigree and efficient tested types that have been found suitable for the various zones in the Province.

II. LOCATION: Considering the horticultural practices of the province as a whole it seems necessary to establish model orchards cum nurseries in the following different centres.

(i) At or near Rajahmundry for fruits as Batavian oranges, Vadlapudi oranges, limes, juicy and table Sapotas, Guavas, Bananas, Papayas, Pineapple, anonaceous fruits, jacks and other fruits of minor importance.

(ii) In Madura District for fruits like grapes, pomegranates, figs, sapotas, bananas, sweet mang oranges, limes, lemons, pomeloes, mangoes for table and off season mango varieties.

(iii) At or near Salem for fruits such as grapes, limes, lemons, sweet oranges, table and off season varieties of mangoes, sapotas, guavas, bananas, papayas, jacks etc.

(iv) At or near Chittoor for mangoes, sathgudi oranges, sapotas, lemons, limes, guavas, figs, bananas etc.

(v) At or near Mangalore for the West Coast for mangoes, jacks, papayas, pineapples, sapotas, bananas, cashew etc.

III. PROGRAMME OF WORK: At each centre it is proposed to allot 18 acres for model orchard, 5 acres for the model nurseries and 2 acres for roads, drains, wind brakes, hedges, residential and office buildings, thus making each unit cover 25 acres in all.

IV. STAFF: Each unit will consist of one Trained Fruit Assistant, one store-keeper cum clerk, one overseer and one peon. The success of these units will primarily depend on efficient and close supervision and guidance It is therefore necessary to appoint an Assistant Fruit Specialist to be in direct charge of the scheme. The entire scheme will be under the general supervision of the Fruit Specialist. In the long run the scheme will be ~~renume~~ remunerative.

V. FINANCIAL IMPLICATION: Enclosed.

M.S. SIVARAMAN,
Director of Agriculture.

BY AIR MAIL Development Department

Letter No. 563, dated 6th February 1948.
MS.

To

The Secretary to the Government of India,
Ministry of Agriculture,
New Delhi. (with copy of pp 3-5 c.f. and pp-13-25 ~~xqc~~.f.)

Sir,

Sub: Agriculture - Fruit and Fruit products development - Scheme for the establishment of model orchard - cum - nurseries - Forwarded to Government of India.

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1. At its meeting held in December 1945, the Crops and Soils wing of the Board of Agriculture in India recommended that model orchards should be stated to demonstrate to the growers how model orchard should be organised and run on commercial lines.

2. I am directed to forward herewith a scheme for the establishment of model orchard cum nurseries at five centres in this province, prepared by the Director of Agricultur Madras.

3. The scheme is estimated to cost Rs,2,81,500/- recurring for five years and Rs.2,72,500 non recurring. The total receipts for the scheme for the first years are roughly estimated at Rs.1,36,250/-.

4. In their letter No.F.6.5/47 GMF dated 15-4-1947, the Government of India stated that schemes designed to increase the production and supply of vegetables, fruits etc. which are likely to be effective in securing increased production not later than 1951-52 will be eligible for Government of India's grant. As the scheme for model orchard cum nurseries will result in increased fruit production, the Government of Madras consider that the Government of India may contribute 50% grant towards the scheme.

I am to request that the sanction of the Government of India for the above proposal may be obtained and communicated to this Government at an early date.

Your obedient servant,

Sd. x x x
Secretary to the Government

Copy to the Director of Agriculture, Madras.

/True Copy/

A P P E N

Estimates on recurring items - M

Particulars.	At or near Raja-mundry	In Madura
(1)	(2)	(3)
	Rs.	Rs.
FIRST YEAR:		
Pay of Establishment:		
1. Assistant Fruit Specialist, on 230-30/2-260-40/2 500-50/2-700		
2. One Upper Division Clerk for the Assistant Fruit Specialist 's office on 80-3-95-5-125.		
3. One Upper Division Clerk for the Fruit Specialist on 80-3-95-5-125		
4. One Typist for Assistant Fruit Specialist on 45-3-60-2-90		
5. Two peons for Assistant Fruit Specialist on 18½-½ A- 25.		
6. One Fruit Assistant on 100-5-140-E.B.-10-220 but starting on 105/-	1,260	1,260
7. One Store Keeper Cum-Clerk on 45-3-60-2/90	540	540
8. One Overseer on 45-2-55-1-60	540	540
9. One Peon on 18½-A. 25	192	192
Total for first year	2,532	2,532

(1)

SECOND YEAR:-

Pay of Establishment+

1. Assistant Fruit Specialist

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:l Orchards - cum - Nurseries.

or r em	At or near Chittoor.	At or near Mangalore.	For Assistant Fruit Specialist.	For Fruit Specialist.	Total.
	(5)	(6)	(7)	(8)	(9)
	Rs.	Rs.	Rs.	Rs.	Rs.
			2,760	-	2,760
			960	-	960
			-	960	960
			540	-	540
			384	-	384
60	1,260	1,260	-	-	6,300
40	540	540	-	-	2,700
40	540	540	-	-	2,700
92	192	192	-	-	960
32	2,532	2,532	4,644	960	~~18,264~~ 18,264

(1)	(2)	(3)
2. One Upper Division Clerk for the Assistant Fruit Specialist.	-	-
3. One Upper Division Clerk for Fruit Specialist	-	-
4. One Typist for the Assistant Fruit Specialist	-	-
5. Two Peons for the Assistant Fruit Specialist	-	-
6. One Fruit ~~Specialist~~ Assistant.	1,320	1,320
7. One Store Keeper-cum-Clerk	576	576
8. One Overseer.	564	564
9. One Peon	198	198
Total for the second year:-	2,658	2,658

THIRD YEAR:

1. Assistant Fruit Specialist	-	-
2. One Upper Division Clerk for Assistant Fruit Specialist	-	-
3. One Upper Division Clerk for Fruit Specialist	-	-
4. One Typist for the Assistant Fruit Specialist	-	-
5. Two Peons to the Assistant Fruit Specialist	-	-
6. One Fruit Assistant	1,380	1,380
7. One Storekeeper -Cum-Clerk	612	612
8. One Overseer.	588	588
9. One Peon	204	204
Total for third year:	2,784	2,784

FOURTH YEAR:

1. Assistant Fruit Specialist
2. One Upper Division Clerk to Assistant Fruit Specialist
3. One Upper Division Clerk to Fruit Specialist
4. One Typist for Assistant Fruit Specialist
5. Two Peons to the Assistant Fruit Specialist

(4)	(5)	(6)	(7)	(8)	(9)
-	-	-	2996		996
-	-	-	-	996	996
-	-	-	576	-	576
-	-	-	396	-	396
1,320	1,320	1,320	-	-	6,600
576	576	576	-	-	2,880
564	564	564	-	-	2,820
198	198	198	-	-	990
2,658	2,658	2,658	4,728	996	19,014
	-	-	3,120	-	3,120
-	-	-	1,032	-	11,032
-	-	-	-	1,032	1,032
-	-	-	612-	-	612
-	-	-	408	-	408
1,380	1,380	1,380	-	-	6,900
612	612	612	-	-	3,060
588	588	588	-	-	2,940
204	204	204	-	-	1,020
2,784	2,784	2,784	5,172	1,032	20,124
-	-	-	3,120	-	3,120
-	-	-	1,068	-	1,068
-	-	-	-	1,068	1,068
-	-	-	648	-	648
-	-	-	420	-	420

(1)	(2)
6. One Fruit-~~Specialist~~ Assistant	1,440
7. One Overseer	612
8. One Store Keeper-cum-Clerk	648
9. One Peon	210
Total for the fourth year:-	2,910

FIFTH YEAR:

1. Assistant Fruit Specialist	-
2. One Upper Division Clerk to Assistant Fruit Specialist	-
3. One Upper Division Clerk to Fruit Specialist	-
4. One Typist to the Assistant Fruit Specialist	-
5. Two Peons to the Assistant Fruit Specialist	Rs
6. One Fruit Assistant	1,500
7. One Store Keeper-cum-Clerk	684
8. One Overseer	636
9. One Peon	216
Total for the fifth year:-	3,036
Total pay of establishment for five years:-	13,920

2. ALLOWANCES:-
War and dearness allowance:-

FIRST YEAR:

1. Assistant Fruit Specialist at 50/- per mensem.
2. One Upper Division Clerk to the Assistant Fruit Specialist at 18/- per mensem
3. One Upper Division Clerk for Fruit Specialist at 18/- per mensem

(3)	(4)	(5)	(6)	(7)	(8)	(9)
1,440	1,440	1,440	1,440	-	-	7,200
612	612	612	612	-	-	3,060
648	648	648	648	-	-	3,240
210	210	210	210	-	-	1,050
2,910	2,910	2,910	2,910	5,256	1,068	20,874
-	-	-	-	3,600	-	3,600
-	-	-	-	1,104	-	1,104
-	-	-	-	-	1,104	1,104
-	-	-	-	684	-	684
-	-	-	-	432	-	432
1,500	1,500	1,500	1,500	-	-	7,500
684	684	684	684	-	-	3,420
636	636	636	636	-	-	3,180
216	216	216	216	-	-	1,080
3,036	3,036	3,036	3,036	5,820	1,104	22,104
13,920	13,920	13,920	13,920	25,620	5,160	1,00,380
				600	-	600
				216	-	216
					216	216

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	(1)	(2)	
4.	One Typist at 18/- per mensem	-	
5.	Two Peons to the Assistant Fruit Specialist at 16/- per mensem	-	
6.	One Fruit Assistant at 18/- per mensem	216	2
7.	One Store Keeper - cum - Clerk at 18/- per mensem	216	2
8.	One Overseer at 18/- per mensem	216	2
9.	One Peon at 16/- per mensem	192	1
	Total for the first year:	840	

SECOND YEAR:

1.	Assistant Fruit Specialist at 50/- per mensem	-
2.	One Upper Division Clerk to Assistant Fruit Specialist at 16/- per mensem	-
3.	One Upper Division Clerk to Fruit Specialist at 18/- per mensem	-
4.	One Typist at 18/- per mensem	-
5.	Two Peons for the Assistant Fruit Specialist at16/- each per mensem	-
6.	One Fruit Assistant drawing pay at Rs.110/- per mensem eligible to draw at 17½%- of pay = at 19 per mensem Dearness Allowance	228
7.	One Store Keeper-cum-Clerk at 18/- per mensem	216
8.	One Overseer at 18/- per mensem	216
9.	One Peon at 16/- per mensem	192
	Total for the second year:-	852

THIRD YEAR:

1.	Assistant Fruit Specialist at 50/- per mensem	-
2.	One Upper Division Clerk to Assistant Fruit Specialist at 18/- per mensem	-
3.	One Upper Division Clerk to Fruit Specialist, at 18/- per mensem	-
4.	One Typist at 18/-	-

x	(4)	(5)	(6)	(7)	(8)	(9)
	-	-	-	216	-	216
	-	-	-	384	-	384
	216	216	216	-	-	1,080
	216	216	216	-	-	1,080
	216	216	216	-	-	1,080
	192	192	192	-	-	960
	840	840	840	1,416	216	5,832
	-	-	-	600	-	600
	-	-	-	216	-	216
	-	-	-	-	216	216
	-	-	-	216	-	216
			-	384	-	384
	228	228	228	-	-	1,140
	216	216	216	-	-	1,080
	216	216	216	-	-	1,080
	192	192	192	-	-	960
	852	852	852	1,416	216	5,892
				600	-	600
				216	-	216
					246	216
				216		216

	(1)	(2)
5.	Two Peons at 16/- each per mensem	
6.	One Fruit Assistant drawing a salary of Rs.115/- per mensem eligible to draw at 17½% = 20/- per mensem	240
7.	One Store Kepper at 18/- per mensem	216
8.	One Overseer at 18/- per mensem	216
9.	One Peon at 16/- per mensem	192
	Total for the third year:	864

FOURTH YEAR:

1.	Assistant Fruit Specialist at 50/- per mensem	-
2.	One Upper Division Clerk to Assistant Fruit Specialist at 18/- per mensem	-
3.	One Upper Division Clerk to Fruit Specialist at 18/- per mensem	-
4.	One Typist at 18/- per mensem	-
5.	Two Peons to the Assistant Fruit Specialist at 16/- each per mensem	-
6.	One Fruit Assistant drawing a salary of Rs.120/- per mensem eligible to draw 17½% of pay = 21/- per mensem	252
7.	One Store Keeper-cum-Clerk at 18/- per mensem	216
8.	One Overseer at 18/- per mensem	216
9.	One Peon at 16/- per mensem	192
	Total for the fourth year:-	876

FIFTH YEAR:

1. Assistant Fruit Specialist drawing Rs.300/- per mensem at 17½% of his salary = 52/- per mensem (C.L.A.)
2. One Upper Division Clerk to Assistant Fruit Specialist at 18/- per mensem
3. One Upper Division Clerk to the Fruit Specialist at 18/- per mensem
4. One Typist at 18/- per mensem
5. Two Peons at 16/- each per mensem
6. One Fruit Assistant drawing Rs.125/- per mensem eligible to draw at 17½ % of his pay =22/- per mensem

(4)	(5)	(6)	(7)	(8)	(9)
-	-	-	384	-	384
240	240	240	-	-	1,200
216	216	216	-	-	1,080
216	216	216	-	-	1,080
192	192	192	-	-	960
864	864	864	1,416	216	5,952
-	-	-	600	-	600
-	-	-	216	-	216
-	-	-	-	216	216
-	-	-	216	-	216
-	-	-	384	-	384
252	252	252	-	-	~~1,260~~ 1,260
216	216	216	-	-	1,080
216	216	216	-	-	1,080
192	192	192	-	-	960
876	876	~~876~~ 876	1,416	216	6,012
-	-	-	624	-	624
-	-	-	216	-	216
-	-	-	-	216	216
-	-	-	216	-	216
-	-	-	384	-	384
	26	264	-	-	1,320

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	(1)	(2)
7.	One Store Keeper-cum-Clerk at 18/- per mensem	216
8.	One Overseer at 18/- per mensem	216
9.	One Peon at 16/- per mensem	192
	Total for the fifth year:-	888
	Grand Total dearness allowance for five years: -	4,320

TRAVELLING ALLOWANCE:- FIRST YEAR+

1.	For Assistant Fruit Specialist's Office	-
	For centres	100
	Total for the first year:-	100-
	For second Year.	100
	For Third Year.	100
	For Fourth Year.	100
	For Fifth Year.	100
	Grand Total of Travelling allowance for five years:-	500

CONTINGENCIES+

For repairs and upkeep.

Working expenses	5,500
Total for first year:-	5,500
Total for second Year:-	5,500

Third Year:

Repairs and upkeep at 1½ % of the total capital cost	135
Working expenses	5,500
Total for third year:	5,635
Total for fourth year:	5,635
Total for the fifth year	5,635
Grand total for 5 years.	27,905

(3)	(4)	(5)	(6)	(7)	(8)	(9)
216	216	216	216	-	-	1,080
216	216	216	216	-	-	1,080
192	192	192	192	-	-	960
888	888	888	888	1,440	216	6,096
4,320	4,320	4,320	4,320	7,104	1,080	29,784
-	-	-	-	1,000	-	1,000
100	100	100	100	-	-	500
100	100	100	100	1,000	-	1,500
100	100	100	100	1,000	-	1,500
100	100	100	100	1,000	-	1,500
100	100	100	100	1,000	-	1,500
100	100	100	100	1,000	-	1,500
500	500	500	500	5,000		7,500
N I L for the first year.						
5,500	5,500	5,500	5,500	-	-	27,000
5,500	5,500	5,500	5,500	-	-	27,000
5,500	5,500	5,500	5,500	-	-	27,000
135	135	135	135	-	-	675
5,500	5,500	5,500	5,000	-	-	27,000
5,635	5,635	5,635	5,135	-	-	27,675
5,635	5,635	5,635	5,635	-	-	27,675
5,635	5,635	5,635	5,635	-	-	27,675
27,905	27,905	27,905	25,405	-	-	1,37,025

(1)	(2)	(3)
Other contingencies:-		
Rent for office building for Assistant Fruit Specialist at 30/- per mensem	-	-
Service Postage	100	100
Total for first year:	100	100
Total for ~~second~~ Second year:	100	100
Total for third year:	100	100
Total for fifth year:	100	100
Grand Total for five years:-	500	500
TOTAL RECURRING FOR THE FIRST FIVE YEARS.	47,145	47,145

(4)	(5)	(6)	(7)	(8)	(9)
			360		360
100	100	100	500		000
100	100	100	860	-	1,360
100	100	100	860	-	1,360
100	100	100	860	-	1,360
100	100	100	860	-	1,36 0
500	500	500	4,300	-	6,800
47,145	47,145	47,645	44484024	6,240	2,81,489 or 2,81,500

Sd. x x x x x
10-12-49.

DIRECTOR OF AGRICULTURE.

Particulars.	At or near Rajamundry.	In Madura
(1)	(2)	(3)
FIRST YEAR:		
~~Pay-of-Establish~~ From intercrops mainly, provided the areas are taken over at the beginning of the year.	2,000	2,000
SECOND YEAR:		
From intercrops, bush crops and from sale of some nursery plants.	4,000	4,000
THIRD YEAR:		
From intercrops, bush crops and from sale of some nursery plants.	6,000	6,000
FOURTH YEAR:		
From intercrops, bush crops and from sale of nursery plants and from some fruit crops	8,000	8,000
FIFTH YEAR:		
From some fruits and sale of plants	8,500	8,500
SIXTH YEAR:		
From some fruits and sale of plants	10,000	10,000

Note:- The income from the orchard is practically little up to the be in a pre-bearing stage. The yields are expected to in when the full income from these centres can be expected.

At or near Salem.	At or near Chittoor.	At or near Mangalore.	For Assistant Fruit Specialist	For Fruit Specialist	Total
(4)	(5)	(6)	(7)	(8)	(9)
2,000	2,000	1,250	-	-	9,250
4,000	4,000	3,000	-	-	19,000
6,000	6,000	5,500	-	-	27,500
8,000	8,000	7,000	-	-	39,000
8,500	8,500	8,500	-		41,500
10,000	10,000	9,000	-	-	49,000

ixth year since the fruit trees till then will mostly
ease gradually from the sixth till 12th or 15th year

Sd. x x x
10-12-49.

for DIRECTOR OF AGRICULTURE.